

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for storing digital data from a storage device ~~communicating through a digital interface with~~ to a digital ~~tape~~-recording medium, comprising:
 - (a) searching for a recordable location in the digital ~~tape~~-recording medium when a data store is requested from said storage device ~~communicating in communication with the digital recording medium~~ through the a digital interface, wherein said storage device includes a microprocessor and a memory;
 - (b) recording data streams received through the digital interface from said memory of said storage device in the location discovered in (a), wherein the data streams have been converted from the data of a multimedia file which is selected in said storage device; and
 - (c) creating management information regarding the data streams recorded.
2. (Currently Amended) A method set forth in claim 1, further comprising transmitting information on the characteristics and recording status of the ~~tape~~-recording medium to the microprocessor of the storage device before the process recited in (a).
3. (Original) A method set forth in claim 1, wherein the data streams are transport streams of MPEG format.

4. (Currently Amended) A method set forth in claim 1, wherein the management information is repeatedly recorded in the ~~tape~~-recording medium.

5. (Currently Amended) A method set forth in claim 1, wherein the management information includes ~~the~~ file information received together with the data streams from said ~~other~~ storage device.

6. (Currently Amended) A method set forth in claim 1, wherein the management information includes information on the section of the ~~tape~~-recording medium in which the received data streams are recorded.

7. (Currently Amended) A method set forth in claim 1, wherein (b) and (c) record the received data in a main code area and the management information in a subcode area of the ~~tape~~-recording medium wherein the main code and the subcode area satisfy a DVHS standard.

8. (Currently Amended) A method for retrieving digital data from a digital ~~tape~~ recording medium and sending the reproduced data to a storage device ~~communicating through~~ a digital interface ~~in a tape recording medium~~, comprising:

(a) reproducing management information recorded in the digital ~~tape~~-recording medium when a retrieving request for a given multimedia file is received from a microprocessor of said storage device;

(b) identifying a recording location of the given multimedia file based upon the reproduced management information;

(c) searching for the identified location in the digital ~~tape~~-recording medium and reproducing recorded data from the identified location; ~~and~~

(d) converting the reproduced data into transport streams (TS) and transmitting ~~them~~ the TS data to the microprocessor of said storage device; and

(e) storing the transmitted TS data in a memory of said storage device.

9. (Currently Amended) A method set forth in claim 8, ~~further comprising a step wherein the microprocessor of the storage device extracts data of the given file from the transport streams transmitted in (d), and stores the extracted TS data in a storing means~~ computer readable storage medium of the storage device as a file.

10. (Currently Amended) A method set forth in claim 8, ~~further comprising the process in which said~~ wherein the microprocessor of the storage device ~~extracts data of the given file from the transport streams transmitted in said step (d), and~~ decodes the ~~extracted~~ TS data to present video and/or audio.

11. (Original) A method set forth in claim 8, wherein the retrieving request includes a file name of the given file and an identification code of file set to which the given file belongs.

12. (Original) A method set forth in claim 8, wherein the retrieving request includes a file name and a directory name of the given file.

13. (Currently Amended) A method set forth in claim 8, further comprising reproducing the tape recording medium according to a request of information on recorded files, detecting management information on the recorded files, and transmitting the detected information to said ~~other~~ storage device before said step (a).

14. (Currently Amended) A method set forth in claim 8, wherein said step (a) obtains the management information on recorded files by reproducing a sub-code area of the ~~tape~~ recording medium in which data are recorded in a DVHS standard.

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15-18. (Cancelled)

19. (New) The method of claim 1, further comprising, before the process of (a):
providing a list of multimedia files from the microprocessor for selection by a user;
reading data of a selected multimedia file from a computer readable storage medium by
the microprocessor;
converting the read data into packets of transport stream (TS) format; and
storing the TS-formatted packets in the memory.

20. (New) The method of claim 19, wherein the computer readable storage medium
is the Internet.